

Abstract

Recombinant antibody constructs comprise the variable regions of the heavy and light chains of anti-G_{D2} antibodies. These antibody constructs may be coupled to a label such as a radiolabel or to a protein such as streptavidin or pro-drug converting enzymes for use in imaging or therapeutic applications. The antibody constructs may also be transduced into T cells to produce populations of T cells which target G_{D2}-producing tumor cells.